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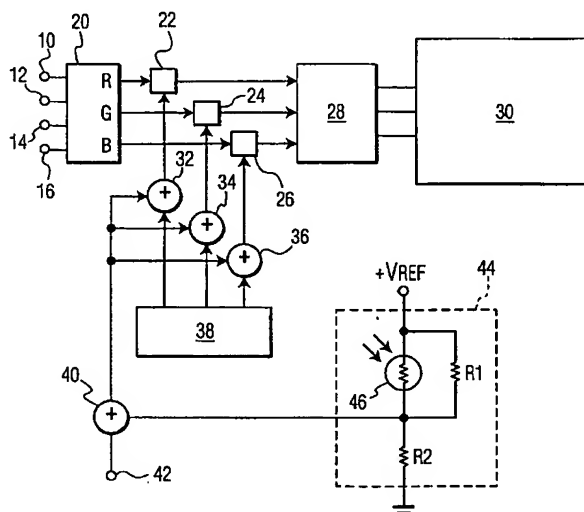
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[Continued on next page]

(54) Title: AUTOMATIC GAMMA CORRECTION FOR A MATRIX DISPLAY



(57) Abstract: In a display device having a matrix-type display, an automatic picture setting circuit includes a source for color video signals, and adjustable gamma correction circuits for each of the color video signals. Each of the adjustable gamma correction circuits has a control input for receiving a control signal for controlling an amount of gamma correction performed. In addition, the automatic picture setting circuit includes an ambient light sensing circuit for generating the control signal for the adjustable gamma correction circuits in dependence on a detected amount of ambient light. As such, the automatic picture setting circuit adapts a picture displayed on the display device to the amount of ambient light around the display device thereby assuring an optimum displayed picture.

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